



Materials Inspection Report

1. Licensee/Location Inspected: Martin Marietta Magnesia Specialties 1800 Eastlake Road Manistee, Michigan 49660 Report Number(s) 2023-001	2. NRC/Regional Office Region III U. S. Nuclear Regulatory Commission 2443 Warrenville Road, Suite 210 Lisle, IL 60532-4352	
3. Docket Number(s) 030-04919	4. License Number(s) 21-12986-01	5. Date(s) of Inspection November 30, 2023

LICENSEE:
 The inspection was an examination of the activities conducted under your license as they relate to radiation safety and to compliance with the Nuclear Regulatory Commission (NRC) rules and regulations and the conditions of your license. The inspection consisted of selective examinations of procedures and representative records, interviews with personnel, and observations by the inspector. The inspection findings are as follows:

- 1. Based on the inspection findings, no violations were identified.
- 2. Previous violation(s) closed.
- 3. During this inspection, certain of your activities, as described below and/or attached, were in violation of NRC requirements, and were assessed at Severity Level IV, in accordance with the NRC Enforcement Policy.
 - A. The violation(s), specifically described to you by the inspector as non-cited violations, are not being cited because they were self-identified, non-repetitive, corrective action was or is being taken, and the remaining criteria in the NRC Enforcement Policy were satisfied.
 (Non-cited violation(s) was/were discussed involving the following requirement(s))
 - B. The following violation(s) is/are being cited in accordance with NRC Enforcement Policy. This form is a NOTICE OF VIOLATION, which may be subject to posting in accordance with 10 CFR 19.11.
 (Violations and Corrective Actions)

Statement of Corrective Actions

I hereby state that, within 30 days, the actions described by me to the Inspector will be taken to correct the violations identified. This statement of corrective actions is made in accordance with the requirements of 10 CFR 2.201 (corrective steps already taken, corrective steps which will be taken, date when full compliance will be achieved). I understand that no further written response to NRC will be required, unless specifically requested.

TITLE	PRINTED NAME	SIGNATURE AND DATE
LICENSEE'S REPRESENTATIVE		
NRC INSPECTOR	Jason Dykert; Earlon Shirley	Jason C. Dykert <small>Digitally signed by Jason C. Dykert Date: 2023.12.21 08:18:56 -07'00'</small>
BRANCH CHIEF	Rhex Edwards	 <small>Digitally signed by Rhex A. Edwards Date: 2023.12.22 07:23:45 -06'00'</small>



Materials Inspection Record

1. Licensee Name: Martin Marietta Magnesia Specialties		2. Docket Number(s): 030-04919		3. License Number(s) 21-12986-01	
4. Report Number(s): 2023-001			5. Date(s) of Inspection: 11/30/2023		
6. Inspector(s): Jason Dykert; Earlon Shirley		7. Program Code(s): 03120	8. Priority: 5	9. Inspection Guidance Used: IP 87124	
10. Licensee Contact Name(s): Keary Schulz - RSO		11. Licensee E-mail Address: kearys@martinmarietta.com		12. Licensee Telephone Number(s): 231-732-1262	

13. Inspection Type: <input type="checkbox"/> Initial		14. Locations Inspected: <input type="checkbox"/> Hybrid		15. Next Inspection Date (MM/DD/YYYY):	
<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Announced	<input checked="" type="checkbox"/> Main Office	<input type="checkbox"/> Field Office	11/30/2028	
<input type="checkbox"/> Non-Routine	<input checked="" type="checkbox"/> Unannounced	<input type="checkbox"/> Temporary Job Site	<input type="checkbox"/> Remote	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Extended
				<input type="checkbox"/> Reduced	<input type="checkbox"/> No change

16. Location(s) Inspected List:

1800 Eastlake Road, Manistee, MI

17. Scope and Observations:

This was an assist inspection for Region III. Martin Marietta Magnesia Specialties produced magnesium hydroxide and magnesium oxide products at its facility in Manistee, Michigan. The licensee possessed four fixed nuclear gauges, utilized for measuring the level of product in various parts of the plant.

The inspectors interviewed the RSO and observed all fixed gauges in-use at the facility. Area postings were adequate for each gauge and independent radiation surveys taken by the inspectors indicated the gauge shielding was intact and area dose rates were minimal. Three authorized users were designated by the RSO to perform shutter tests, inventories, and implement lock-out tag-out procedures on the gauges. The RSO discussed these procedures, how shutter tests and physical inventories were performed with a calibrated survey instrument and the annual safety and gauge awareness training provided to plant employees by a safety manager. The inspectors reviewed selected records of physical inventories, shutter tests, survey instrument calibration, and leak test results.

No violations of NRC requirements were identified as a result of this inspection.

Signature and Date - Branch Chief



Digitally signed by Rhex A. Edwards
Date: 2023.12.22 07:23:19 -06'00'